Fig.1

U_L

U_B 240

$i_{LE}(t)$

210   10 U_P

Fig.2A

U_L

240

$i_{LA}(t)$

231   10 U_P

Fig.2B

U_L

240

$i_{EE}(t)$

10   U_P

Fig.2C

U_L

U_B 221   240

$i_{EA}(t)$

210   10 U_P
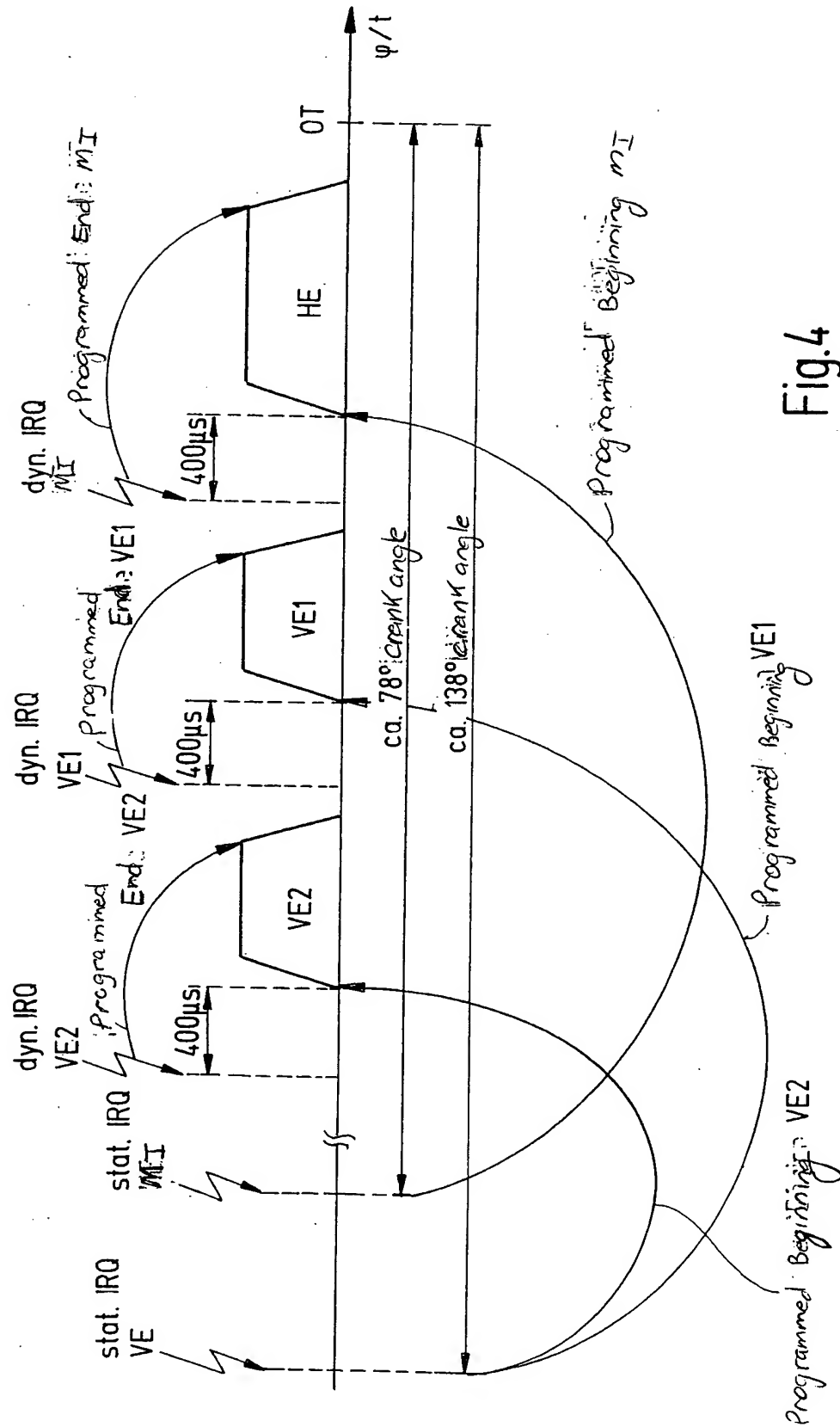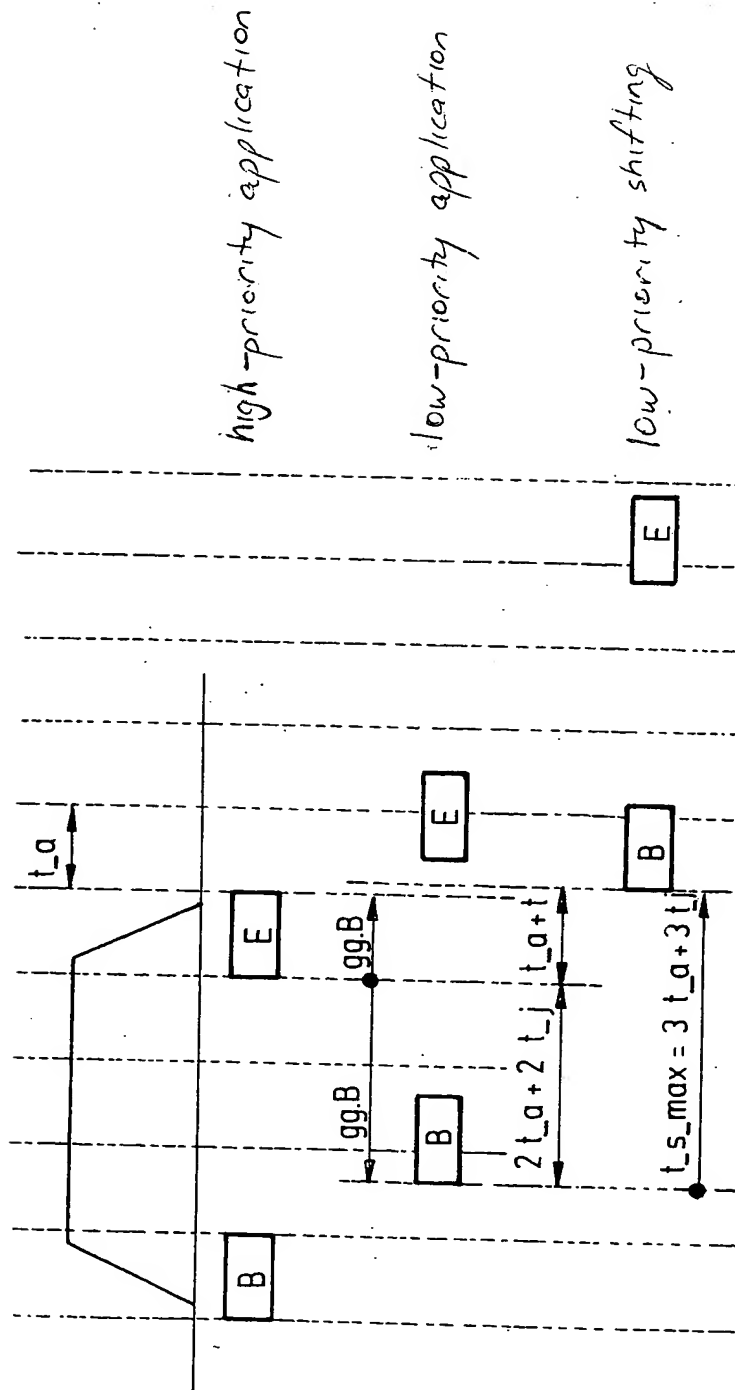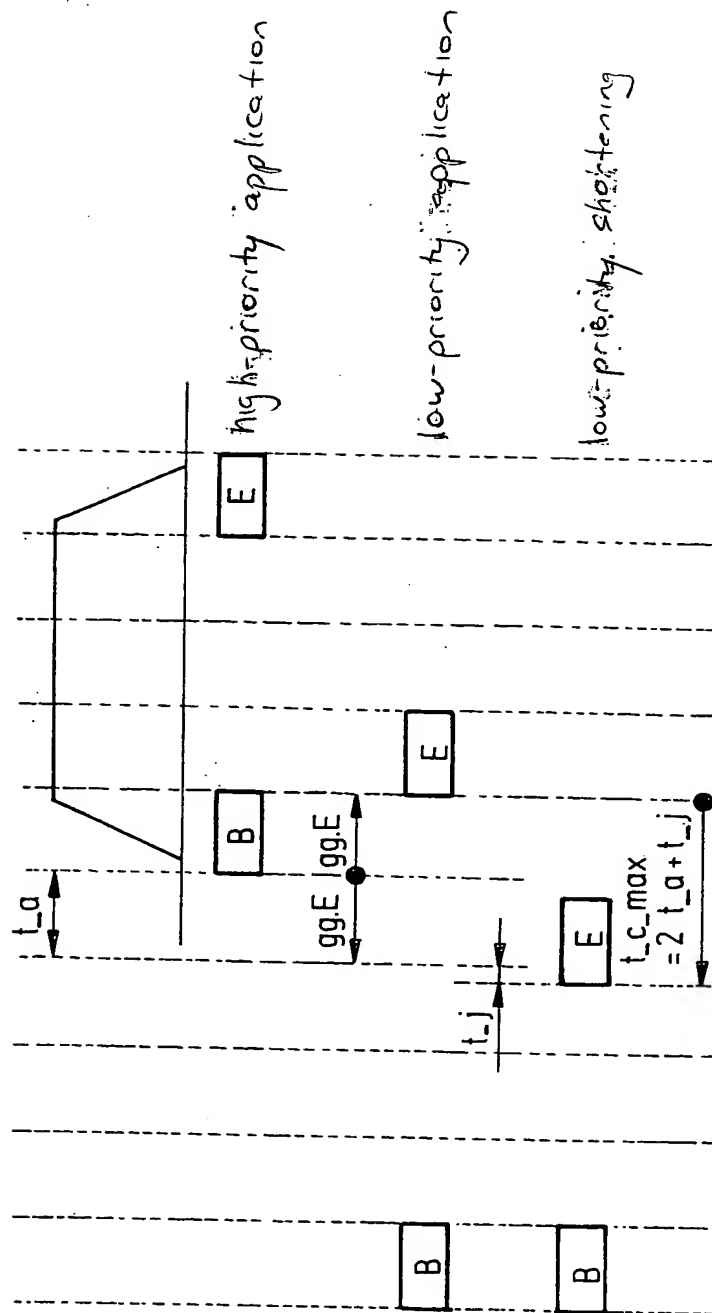
Fig.2D

Fig.3

Time Sequence of the Interrupts (Related Art)

Fig.4

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Fig.5

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high-priority application

low-priority application

low-priority shifting

E

E

B

t_a

gg.B

gg.B

B

$2 t\_a + 2 t\_j$ $t\_a + t$

$t\_s\_max = 3 t\_a + 3 t$

The duration remains unchanged when shifting by t_s takes place.

Fig.6

high-priority application

low-priority application

low-priority shortening

t_a

B

E

gg.E | gg.E

gg.E

E

t_j

E

$t\_c\_max = 2 t\_a + t\_j$

B

B

The beginning instant is retained when shortened by t_c.

Fig.7